



Department of Energy

Argonne Site Office
9800 South Cass Avenue
Argonne, Illinois 60439

OFFICE OF THE DIRECTOR
ARGONNE NATIONAL LABORATORY
2009 MAY 27 AM 11:33

MAY 22 2009

Action to	<u>RNM</u>
Copy to	<u>EDF, SDR, BA,</u> <u>JLC, LSN, LLM, MDB, REC</u>
Due Date	<u>WSB, DB</u> <u>-</u>
Return Copy	
OTD File #	

Dr. Eric D. Isaacs
Director, Argonne National Laboratory
President, UChicago Argonne, LLC
9700 South Cass Avenue
Argonne, IL 60439

Dear Dr. Isaacs:

SUBJECT: MODIFICATION NO. A043 TO U.S. DEPARTMENT OF ENERGY
CONTRACT DE-AC02-06CH11357

Enclosed for your records is a fully executed copy of the subject modification which appropriates ARRA funding, increasing the amount of funds obligated hereunder by \$35,000,000.00 from \$1,693,341,097.93 to a total of \$1,728,341,097.93.

This modification further sets forth specific guidelines for implementing ARRA funding and work.

Also enclosed is FY 2009 Approved Funding Program (AFP) No. 12 which depicts funding adjustments in the follow category:

Operating Funds are increased by \$35,000,000.00.

0509-066

Dr. Eric D. Isaacs

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MAY 22 2009

If you have questions or are in need of additional information, please contact me at 630/252-2075.

Sincerely,



Sergio E. Martinez
Contracting Officer

Enclosures:

Form SF-30 (Amendment of Solicitation/Modification of Contract), Mod A043
FY 2009 Approved Funding Program No. 12

cc: R. Zimmer, UofC, w/encls.
D. Levy, UofC, w/encls.
J. Kroll, UofC, w/encls.
L. Hill, UofC/ANL, w/encls.
G. McKeown, UofC, w/encls.
L. Miller, ANL, w/encls.
M. Besancon, ANL, w/encls.
C. Markiewicz, ANL, w/encls.
S. Richardson, ANL, w/encls.
R. Malhotra, ANL, w/encls.
M. Howard, ANL, w/encls.
D. Bugielski, ANL, w/encls.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

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2. AMENDMENT/MODIFICATION NO. A043	3. EFFECTIVE DATE 05/22/2009	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY CODE U.S. Department of Energy Office of Science/Argonne Site Office 9800 South Cass Avenue Argonne, IL 60439		7. ADMINISTERED BY (If other than Item 6) Code See Block 6.	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code) UChicago Argonne, LLC 5801 South Ellis Avenue Chicago, IL 60637	(✓)	9.A. AMENDMENT OF SOLICITATION NO.	
		9.B. DATED (SEE ITEM 11)	
		10.A. MODIFICATION OF Contract/Order NO. DE-AC02-06CH11357	
		10.B. DATED (SEE ITEM 13) July 31, 2006	
CODE N/A	FACILITY CODE N/A		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ___ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See page 2 attached to this modification.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement of the Parties
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is required to sign this document and return signed copies to DOE.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section heading, including solicitation/contract subject matter where feasible.)

See pages attached to this modification.

15A. NAME AND TITLE OF SIGNER (Type or print) Donald H. Levy, VP for Research & Nat'l Labs	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sergio E. Martinez Contracting Officer
15B. CONTRACTOR/OFFEROR BY: D. H. Levy (Signature of person authorized to sign)	15C. DATE SIGNED 5/22/09
16B. UNITED STATES OF AMERICA BY: Sergio E. Martinez (Signature of Contracting Officer)	16C. DATE SIGNED 5/22/09

Block 12 "ACCOUNTING AND APPROPRIATIONS DATA, continued.

Funds Obligated for Recovery Act Projects:

All required accounting and appropriations data, including the Treasury Accounting Symbol and Fund Code is hereby provided as Attachment A to this modification.

Block 14 "DESCRIPTION OF AMENDMENT/MODIFICATION," continued.

- A. This modification is issued to obligate American Recovery and Reinvestment Act (Recovery Act) of 2009 funds for the purpose of: (1) Decontamination (as required) and demolition of two rad-contaminated facilities and offsite disposal of all associated wastes, Building 310 and Building 330; (2) Continuation of TRU waste disposal from the site with implementation of "next phase" RH and CH TRU disposal project including the characterization; preparation and packaging of TRU waste for either direct disposal at WIPP (for RH) or transfer to INL prior to disposal at WIPP (for CH); and (3) removal and disposition of non-TRU stored nuclear materials and wastes in the Building 212 Alpha Gamma Hot Cell Facility (AGHCF)
- B. Accordingly, pursuant to Section I Contract Clause – DEAR 970.5232-4 entitled "Obligation of Funds," funds in the amount of \$35,000,000.00 are hereby obligated in support of Recovery Act activities. The total amount of funds obligated under this contract since its inception is increased from \$1,693,341,097.93 to \$1,728,341,097.93.
- C. The specific Contractor Recovery Act Statement of Work, Milestones, Outcomes and Measures, and Deliverables funded by this modification are identified in the following referenced Work Authorization:

Work Authorization Number	Work Authorization Title
(FE/CH12/09/ARRA)	Argonne National Laboratory (ANL) – Accelerated Cleanup of Surplus Nuclear Facilities Project (PIN 2002000)

- D. The work described in this modification shall be performed using funds obligated under this contract, which have been appropriated under the Recovery Act of 2009, Pub. L. 111-5, and as such, is subject to the special statutory conditions and the additional contractual terms and conditions that are listed in paragraphs E through I below. The funds obligated hereunder shall only be used to accomplish the work as set forth in paragraph C. above and may not be used for any other purpose without the prior written consent of the Contracting Officer.
- E. **FUNDING CONSTRAINT:** UChicago Argonne, LLC, hereinafter, the Contractor, is to begin work immediately. However, the Contractor is authorized to incur costs not to exceed 30% (\$10,500,000.00) of the initial funding placed on the contract for Recovery Act. The Contractor shall notify the Contracting Officer 30 calendar days prior to costing 30% (\$10,500,000.00) of the initial funding placed on the contract for Recovery Act.

Once DOE has decided whether or not the Recovery Act work should continue, the Contracting Officer shall either notify the contractor by letter authorizing the Contractor to proceed or will notify the Contractor in sufficient time to allow orderly cessation of work.

F. The contractor shall complete all Recovery Act Work funded by this modification in accordance with Recovery Act requirements, including the required completion dates specified therein, and by the completion date identified in the approved work authorization for the activity.

G. Section E, Inspection and Acceptance is amended as follow:

Paragraph E.2, previously incorporated under M041 is deleted in its entirety and replaced with the following Paragraph E.2. which is applicable only to the Recovery Act work:

Certification –

In order for the Contracting Officer to accept any products or services funded by the Recovery Act, the Contractor shall certify that the items were delivered and/or work was performed for a purpose authorized under the Recovery Act.

H. Section G, Contract Administration Data is amended as follows:

(1) Paragraph G.4, previously incorporated under M041 is deleted in its entirety and replaced with the following paragraph G.4 which is applicable only to the Recovery Act work:

The following reporting procedure will apply to submission of monthly cost reports for Recovery Act work specified in the work scope baseline.

(a) The contractor will separately identify costs that pertain to the Recovery Act work. The Contractor will provide a monthly report that identifies the total amount drawn on the letter of credit. The Contractor shall submit a monthly report that separates and identifies Recovery Act costs associated with each appropriation at the Recovery Act program and project levels.

(b) The Contractor shall certify in each monthly report that the costs included in the report for Recovery Act work were incurred only to accomplish the Recovery Act work in accordance with the work scope.

(2) Paragraph G.5 previously incorporated under M041 is deleted in its entirety and replaced with the following paragraph G.5 which is applicable only to the Recovery Act work:

Indirect Charges

In accordance with the general principles of the Recovery Act the Contractor must take the following steps to minimize the impacts of indirect costs and enhance transparency and accountability of project:

- (a) Clearly identify the estimated full cost of projects to include total direct and indirect costs, indirect costs rates, and adjust existing indirect cost rate to account for the material infusion of funds provided in the Recovery Act;
- (b) Exempt funds from contract cost base for distributing Laboratory Directed Research and Development or similar funds taxing programs;
- (c) Ensure all funds transferred by the Contractor are completed using the Approved Funding Program process described in Chapter 12 of the Accounting Handbook;
- (d) The Federal Administrative Charge (FAC) of three percent is waived on reimbursable work funded by the Recovery Act and performed by Departmental Federal offices or UChicago Argonne, LLC; and
- (e) In all cases listed above and otherwise, the Contractor shall develop and maintain prudent management and good business practices regarding their indirect rate structure as it applies to Recovery Act funding.

- I. The following Clause **H.41 - Special provisions relating to work funded under American Recovery and Reinvestment Act of 2009 (Apr 2009)**, attached hereto and made a part hereof, replaces the Clause **H.41 - Special provisions relating to work funded under American Recovery and Reinvestment Act of 2009 (Feb 2009)**, previously incorporated into this agreement under Modification No. M041.

H.41 Special provisions relating to work funded under American Recovery and Reinvestment Act of 2009 (Apr 2009)

Preamble:

Work performed under this contract will be funded, in whole or in part, with funds appropriated by the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, (Recovery Act or Act). The Recovery Act's purposes are to stimulate the economy and to create and retain jobs. The Act gives preference to activities that can be started and completed expeditiously, including a goal of using at least 50 percent of the funds made available by it for activities that can be initiated not later than June 17, 2009.

Contractors should begin planning activities for their first tier subcontractors, including obtaining a DUNS number (or updating the existing DUNS record), and registering with the Central Contractor Registration (CCR).

Be advised that Recovery Act funds can be used in conjunction with other funding as necessary to complete projects, but tracking and reporting must be separate to meet the reporting requirements of the Recovery Act and related Guidance. For projects funded by sources other than the Recovery Act, Contractors should plan to keep separate records for Recovery Act funds and to ensure those records comply with the requirements of the Act.

The Government has not fully developed the implementing instructions of the Recovery Act, particularly concerning the how and where for the new reporting requirements. The Contractor will be provided these details as they become available. The Contractor must comply with all requirements of the Act. If the contractor believes there is any inconsistency between ARRA requirements and current contract requirements, the issues will be referred to the Contracting Officer for reconciliation.

Be advised that special provisions may apply to projects funded by the Act relating to:

- Reporting, tracking and segregation of incurred costs;
- Reporting on job creation and preservation;
- Publication of information on the Internet;
- Protecting whistleblowers; and
- Requiring prompt referral of evidence of a false claim to the Inspector General.

Definitions:

For purposes of this clause, "Covered Funds" means funds expended or obligated from appropriations under the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5. Covered Funds will have special accounting codes and will be identified as Recovery Act funds in the contract and/or modification using Recovery Act funds. Covered Funds must be reimbursed by September 30, 2015.

Non-Federal employer means any employer with respect to Covered Funds – the contractor or subcontractor, as the case may be, if the contractor or subcontractor is an employer; and any professional membership organization, certification of other professional body, any agent or licensee of the Federal government, or any person acting directly or indirectly in the interest of an employer receiving Covered Funds; or with respect to Covered Funds received by a State or local government, the State or local government receiving the funds and any contractor or subcontractor receiving the funds and any contractor or subcontractor of the State or local government; and does not mean any department, agency, or other entity of the federal government.

A. Flow Down Provision

This clause must be included in every first-tier subcontract.

B. Segregation and Payment of Costs

Contractor must segregate the obligations and expenditures related to funding under the Recovery Act. Financial and accounting systems should be revised as necessary to segregate, track and maintain these funds apart and separate from other revenue streams. No part of the funds from the Recovery Act shall be commingled with any other funds or used for a purpose other than that of making payments for costs allowable for Recovery Act projects. Where Recovery Act funds are authorized to be used in conjunction with other funding to complete projects, tracking and reporting must be separate from the original funding source to meet the reporting requirements of the Recovery Act and OMB Guidance.

Invoices must clearly indicate the portion of the requested payment that is for work funded by the Recovery Act.

Note: For contractors currently using drawdown on a letter of credit, the current procedure remains in effect and is used for Recovery Act activity in lieu of invoicing.

C. Prohibition on Use of Funds

None of the funds provided under this agreement derived from the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, may be for any casino or other gambling establishment, aquarium, zoo, golf course, or swimming pool.

D. Wage Rates

All laborers and mechanics employed by contractors and subcontractors on projects funded directly by or assisted in whole or in part by and through the Federal Government pursuant to the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code. With respect to the labor standards specified in this section, the Secretary of Labor shall have the authority and functions set forth in Reorganization Plan numbered 14 of 1950 (64 Stat. 1267, 5 U.S.C. App.) and section 3145 of title 40 United States Code. See <http://www.dol.gov/esa/whd/contracts/dbra.htm>.

E. Publication

Information about this agreement will be published on the Internet and linked to the website www.recovery.gov, maintained by the Accountability and Transparency Board (the Board). The Board may exclude posting contractual or other information on the website on a case-by-case basis when necessary to protect national security or to protect information that is not subject to disclosure under sections 552 and 552a of title 5, United States Code.

F. Registration requirements

Contractor shall ensure that all first-tier subcontractors have a DUNS number and are registered in the Central Contractor Registration (CCR) no later than the date the first report is due under FAR 52.204-11 American Recovery and Reinvestment Act – Reporting Requirements.

G. Utilization of Small Business

Contractor shall to the maximum extent practicable give a preference to small business in the award of subcontracts for projects funded by Recovery Act dollars.

J. Section I, Contract Clauses is amended as follows:

- (1) **Add Clause I.8C - FAR 52.203-15 - Whistleblower Protections Under the American Recovery and Reinvestment Act of 2009, as follows:**

I.8C - FAR 52.203-15 - Whistleblower Protections Under the American Recovery and Reinvestment Act of 2009 (Mar 2009)

- (a) The Contractor shall post notice of employees rights and remedies for whistleblower protections provided under section 1553 of the American Recovery and Reinvestment Act of 2009 (Pub. L. 111-5).
- (b) The Contractor shall include the substance of this clause including this paragraph (b) in all subcontracts.

- (2) **Add Clause I.10B - FAR 52.204-11 - American Recovery and Reinvestment Act - Reporting Requirements, as follows:**

I.10B - FAR 52.204-11 - American Recovery and Reinvestment Act--Reporting Requirements (MAR 2009)

- (a) Definitions. As used in this clause--

Contract, as defined in FAR 2.101, means a mutually binding legal relationship obligating the seller to furnish the supplies or services (including construction) and the buyer to pay for them. It includes all types of commitments that obligate the Government to an expenditure of appropriated funds and that, except as otherwise authorized, are in writing. In addition to bilateral instruments, contracts include (but are not limited to) awards and notices of awards; job orders or task letters issued under basic ordering agreements; letter contracts; orders, such as purchase orders, under which the contract becomes effective by written acceptance or performance; and bilateral contract modifications. Contracts do not include grants and cooperative agreements covered by 31 U.S.C. 6301, et seq. For discussion of various types of contracts, see FAR Part 16.

First-tier subcontract means a subcontract awarded directly by a Federal Government prime contractor whose contract is funded by the Recovery Act.

Jobs created means an estimate of those new positions created and filled, or previously existing unfilled positions that are filled, as a result of funding by the American Recovery and Reinvestment Act of 2009 (Recovery Act). This definition covers only prime contractor positions established in the United States and outlying areas (see definition in FAR 2.101). The number shall be expressed as "full-time equivalent" (FTE), calculated cumulatively as all hours worked divided by the total number of hours in a full-time schedule, as defined by the contractor. For instance, two full-time employees and one part-time employee working half days would be reported as 2.5 FTE in each calendar quarter.

Jobs retained means an estimate of those previously existing filled positions that are retained as a result of funding by the American Recovery and Reinvestment Act of 2009 (Recovery Act). This definition covers only prime contractor positions established in the United States and outlying areas (see definition in FAR 2.101). The number shall be expressed as "full-time equivalent" (FTE), calculated cumulatively as all hours worked divided by the total number of hours in a full-time schedule, as defined by the contractor. For instance, two full-time employees and one part-time employee working half days would be reported as 2.5 FTE in each calendar quarter.

Total compensation means the cash and noncash dollar value earned by the executive during the contractor's past fiscal year of the following (for more information see 17 CFR 229.402(c)(2)):

- (1) Salary and bonus.
 - (2) Awards of stock, stock options, and stock appreciation rights. Use the dollar amount recognized for financial statement reporting purposes with respect to the fiscal year in accordance with the Statement of Financial Accounting Standards No. 123 (Revised 2004) (FAS 123R), Shared Based Payments.
 - (3) Earnings for services under non-equity incentive plans. Does not include group life, health, hospitalization or medical reimbursement plans that do not discriminate in favor of executives, and are available generally to all salaried employees.
 - (4) Change in pension value. This is the change in present value of defined benefit and actuarial pension plans.
 - (5) Above-market earnings on deferred compensation which is not tax-qualified.
 - (6) Other compensation. For example, severance, termination payments, value of life insurance paid on behalf of the employee, perquisites or property if the value for the executive exceeds \$10,000.
- (b) This contract requires the contractor to provide products and/or services that are funded under the American Recovery and Reinvestment Act of 2009 (Recovery Act). Section 1512(c) of the Recovery Act requires each contractor to report on its use of Recovery Act funds under this contract. These reports will be made available to the public.
- (c) Reports from contractors for all work funded, in whole or in part, by the Recovery Act, and for which an invoice is submitted prior to June 30, 2009, are due no later than July 10, 2009. Thereafter, reports shall be submitted no later than the 10th day after the end of each calendar quarter.
- (d) The Contractor shall report the following information, using the online reporting tool available at <http://www.FederalReporting.gov>.
- (1) The Government contract and order number, as applicable.

- (2) The amount of Recovery Act funds invoiced by the contractor for the reporting period. A cumulative amount from all the reports submitted for this action will be maintained by the government's on-line reporting tool.
- (3) A list of all significant services performed or supplies delivered, including construction, for which the contractor invoiced in this calendar quarter.
- (4) Program or project title, if any.
- (5) A description of the overall purpose and expected outcomes or results of the contract, including significant deliverables and, if appropriate, associated units of measure.
- (6) An assessment of the contractor's progress towards the completion of the overall purpose and expected outcomes or results of the contract (i.e., not started, less than 50 percent completed, completed 50 percent or more, or fully completed). This covers the contract (or portion thereof) funded by the Recovery Act.
- (7) A narrative description of the employment impact of work funded by the Recovery Act. This narrative should be cumulative for each calendar quarter and only address the impact on the contractor's workforce. At a minimum, the contractor shall provide--
 - (i) A brief description of the types of jobs created and jobs retained in the United States and outlying areas (see definition in FAR 2.101). This description may rely on job titles, broader labor categories, or the contractor's existing practice for describing jobs as long as the terms used are widely understood and describe the general nature of the work; and
 - (ii) An estimate of the number of jobs created and jobs retained by the prime contractor, in the United States and outlying areas. A job cannot be reported as both created and retained.
- (8) Names and total compensation of each of the five most highly compensated officers of the Contractor for the calendar year in which the contract is awarded if--
 - (i) In the Contractor's preceding fiscal year, the Contractor received--
 - (A) 80 percent or more of its annual gross revenues from Federal contracts (and subcontracts), loans, grants (and subgrants) and cooperative agreements; and
 - (B) \$25,000,000 or more in annual gross revenues from Federal contracts (and subcontracts), loans, grants (and subgrants) and cooperative agreements; and
 - (ii) The public does not have access to information about the compensation of the senior executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986.

- (9) For subcontracts valued at less than \$25,000 or any subcontracts awarded to an individual, or subcontracts awarded to a subcontractor that in the previous tax year had gross income under \$300,000, the Contractor shall only report the aggregate number of such first tier subcontracts awarded in the quarter and their aggregate total dollar amount.
- (10) For any first-tier subcontract funded in whole or in part under the Recovery Act, that is over \$25,000 and not subject to reporting under paragraph 9, the contractor shall require the subcontractor to provide the information described in (i), (ix), (x), and (xi) below to the contractor for the purposes of the quarterly report. The contractor shall advise the subcontractor that the information will be made available to the public as required by section 1512 of the Recovery Act. The contractor shall provide detailed information on these first-tier subcontracts as follows:
- (i) Unique identifier (DUNS Number) for the subcontractor receiving the award and for the subcontractor's parent company, if the subcontractor has a parent company.
 - (ii) Name of the subcontractor.
 - (iii) Amount of the subcontract award.
 - (iv) Date of the subcontract award.
 - (v) The applicable North American Industry Classification System (NAICS) code.
 - (vi) Funding agency.
 - (vii) A description of the products or services (including construction) being provided under the subcontract, including the overall purpose and expected outcomes or results of the subcontract.
 - (viii) Subcontract number (the contract number assigned by the prime contractor).
 - (ix) Subcontractor's physical address including street address, city, state, and country. Also include the nine-digit zip code and congressional district if applicable.
 - (x) Subcontract primary performance location including street address, city, state, and country. Also include the nine-digit zip code and congressional district if applicable.
 - (xi) Names and total compensation of each of the subcontractor's five most highly compensated officers, for the calendar year in which the subcontract is awarded if--
 - (A) In the subcontractor's preceding fiscal year, the subcontractor received--

- (1) 80 percent or more of its annual gross revenues in Federal contracts (and subcontracts), loans, grants (and subgrants), and cooperative agreements; and
- (2) \$25,000,000 or more in annual gross revenues from Federal contracts (and subcontracts), loans, grants (and subgrants), and cooperative agreements; and
- (B) The public does not have access to information about the compensation of the senior executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986.
- (3) **Add Clause I.47A - FAR 52.225-21 - Required Use of American Iron, Steel, and Other Manufactured Goods—Buy American Act—Construction Materials with additional introductory applicability statement, as follows:**

The following clause is only applicable to projects funded by the Recovery Act:

I.47A - FAR 52.225-21--Required Use of American Iron, Steel, and Other Manufactured Goods--Buy American Act--Construction Materials (Mar 2009)

- (a) Definitions. As used in this clause—

“Construction material” means an article, material, or supply brought to the construction site by the Contractor or a subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site. Materials purchased directly by the Government are supplies, not construction material.

“Domestic construction material” means—

- (1) An unmanufactured construction material mined or produced in the United States; or
- (2) A construction material manufactured in the United States.

“Foreign construction material” means a construction material other than a domestic construction material.

“Manufactured construction material” means any construction material that is not unmanufactured construction material.

"Steel" means an alloy that includes at least 50 percent iron, between .02 and 2 percent carbon, and may include other elements.

"United States" means the 50 States, the District of Columbia, and outlying areas.

"Unmanufactured construction material" means raw material brought to the construction site for incorporation into the building or work that has not been—

- (1) Processed into a specific form and shape; or
 - (2) Combined with other raw material to create a material that has different properties than the properties of the individual raw materials.
- (b) Domestic preference.
- (1) This clause implements—
 - (i) Section 1605 of the American Recovery and Reinvestment Act of 2009 (Recovery Act) (Pub. L. 111-5), by requiring, unless an exception applies, that all iron, steel, and other manufactured goods used as construction material in the project are produced in the United States; and
 - (ii) The Buy American Act (41 U.S.C. 10a-10d) by providing a preference for unmanufactured domestic construction material.
 - (2) The Contractor shall use only domestic construction material in performing this contract, except as provided in paragraph (b)(3) and (b)(4) of this clause.
 - (3) This requirement does not apply to the construction material or components listed by the Government as follows:

-----None-----

[Contracting Officer to list applicable excepted materials or indicate "none"]

- (4) The Contracting Officer may add other foreign construction material to the list in paragraph (b)(3) of this clause if the Government determines that—

- (i) The cost of domestic construction material would be unreasonable.

- (A) The cost of domestic iron, steel, or other manufactured goods used as construction material is unreasonable when the cumulative cost of such material will increase the cost of the contract by more than 25 percent;

- (B) The cost of unmanufactured construction material is unreasonable when the cost of such material exceeds the cost of foreign material by more than 6 percent;

- (ii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available quantities and of a satisfactory quality; or
 - (iii) The application of the restriction of section 1605 of the Recovery Act or the Buy American Act to a particular construction material would be inconsistent with the public interest.
- (c) Request for determination of inapplicability of Section 1605 of the Recovery Act or the Buy American Act.
- (1) (i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(4) of this clause shall include adequate information for Government evaluation of the request, including—
 - (A) A description of the foreign and domestic construction materials;
 - (B) Unit of measure;
 - (C) Quantity;
 - (D) Cost;
 - (E) Time of delivery or availability;
 - (F) Location of the construction project;
 - (G) Name and address of the proposed supplier; and
 - (H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(4) of this clause.
 - (ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed cost comparison table in the format in paragraph (d) of this clause.
 - (iii) The cost of construction material shall include all delivery costs to the construction site and any applicable duty.
 - (iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.
- (2) If the Government determines after contract award that an exception to section 1605 of the Recovery Act or the Buy American Act applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to allow use of the foreign construction

material. However, when the basis for the exception is the unreasonable cost of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(4)(i) of this clause.

- (3) Unless the Government determines that an exception to section 1605 of the Recovery Act or the Buy American Act applies, use of foreign construction material is noncompliant with section 1605 of the American Recovery and Reinvestment Act or the Buy American Act.
- (d) Data. To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

Foreign and Domestic Construction Materials Cost Comparison

Construction material description	Unit of measure	Quantity	Cost (dollars) *
Item 1:			
Foreign construction material			
Domestic construction material			
Item 2			
Foreign construction material			
Domestic construction material			

[List name, address, telephone number, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary.] [Include other applicable supporting information.]

*Include all delivery costs to the construction site.]

- (4) **Clause I.125 DEAR 970.5232-3, Accounts, Records, and Inspection (DEC 2000) is deleted in its entirety and replaced with DEAR 970.5232-3, Accounts, Records, and Inspection (JUN 2007)(DEVIATION).**

Clause I.125 DEAR 970.5232-3 - ACCOUNTS, RECORDS, AND INSPECTION (JUN 2007) (DEVIATION)

- (a) **Accounts.** The contractor shall maintain a separate and distinct set of accounts, records, documents, and other evidence showing and supporting: all allowable costs incurred; collections accruing to the contractor in connection with the work under this contract, other applicable credits, negotiated fixed amounts, and fee accruals under this contract; and the receipt, use, and disposition of all Government property coming into the possession of the contractor under this contract. The system of accounts employed by the contractor shall be satisfactory to DOE and in accordance with generally accepted accounting principles consistently applied.

- (b) Inspection and audit of accounts and records. All books of account and records relating to this contract shall be subject to inspection and audit by DOE or its designees in accordance with the provisions of Clause, Access to and ownership of records, at all reasonable times, before and during the period of retention provided for in paragraph (d) of this clause, and the contractor shall afford DOE proper facilities for such inspection and audit.
- (c) Audit of subcontractors' records. The contractor also agrees, with respect to any subcontracts (including fixed-price or unit-price subcontracts or purchase orders) where, under the terms of the subcontract, costs incurred are a factor in determining the amount payable to the subcontractor of any tier, to either conduct an audit of the subcontractor's costs or arrange for such an audit to be performed by the cognizant government audit agency through the contracting officer.
- (d) Disposition of records. Except as agreed upon by the Government and the contractor, all financial and cost reports, books of account and supporting documents, system files, data bases, and other data evidencing costs allowable, collections accruing to the contractor in connection with the work under this contract, other applicable credits, and fee accruals under this contract, shall be the property of the Government, and shall be delivered to the Government or otherwise disposed of by the contractor either as the contracting officer may from time to time direct during the progress of the work or, in any event, as the contracting officer shall direct upon completion or termination of this contract and final audit of accounts hereunder. Except as otherwise provided in this contract, including provisions of Clause, Access to and ownership of records, all other records in the possession of the contractor relating to this contract shall be preserved by the contractor for a period of three years after final payment under this contract or otherwise disposed of in such manner as may be agreed upon by the Government and the contractor.
- (e) Reports. The contractor shall furnish such progress reports and schedules, financial and cost reports, and other reports concerning the work under this contract as the contracting officer may from time to time require.
- (f) Inspections. The DOE shall have the right to inspect the work and activities of the contractor under this contract at such time and in such manner as it shall deem appropriate.
- (g) Subcontracts. The contractor further agrees to require the inclusion of provisions similar to those in paragraphs (a) through (g) and paragraph (h) of this clause in all subcontracts (including fixed-price or unit-price subcontracts or purchase orders) of any tier entered into hereunder where, under the terms of the subcontract, costs incurred are a factor in determining the amount payable to the subcontractor.
- (h) Comptroller General.
 - (1) The Comptroller General of the United States, or an authorized representative, shall have access to and the right to examine any of the

contractor's or subcontractor's directly pertinent records involving transactions related to this contract or a subcontract or a subcontract hereunder and to interview any current employee regarding such transactions.

- (2) This paragraph may not be construed to require the contractor or subcontractor to create or maintain any record that the contractor or subcontractor does not maintain in the ordinary course of business or pursuant to a provision of law.
- (3) Nothing in this contract shall be deemed to preclude an audit by the General Accounting Office of any transaction under this contract.
- (i) Internal audit. The contractor agrees to design and maintain an internal audit plan and an internal audit organization.
 - (1) Upon contract award, the exercise of any contract option, or the extension of the contract, the contractor must submit to the contracting officer for approval an Internal Audit Implementation Design to include the overall strategy for internal audits. The Audit Implementation Design must describe:
 - (i) The internal audit organization's placement within the contractor's organization and its reporting requirements;
 - (ii) The audit organization's size and the experience and educational standards of its staff;
 - (iii) The audit organization's relationship to the corporate entities of the contractor;
 - (iv) The standards to be used in conducting the internal audits;
 - (v) The overall internal audit strategy of this contract, considering particularly the method of auditing costs incurred in the performance of the contract;
 - (vi) The intended use of external audit resources;
 - (vii) The plan for audit of subcontracts, both pre-award and post-award; and
 - (viii) The schedule for peer review of internal audits by other contractor internal audit organizations, or other independent third party audit entities approved by the DOE contracting officer.
 - (2) By each January 31 of the contract performance period, the contractor must submit an annual audit report, providing a summary of the audit activities undertaken during the previous fiscal year. That report shall reflect the results of the internal audits during the previous fiscal year and

the actions to be taken to resolve weaknesses identified in the contractor's system of business, financial, or management controls.

- (3) By each June 30 of the contract performance period, the contractor must submit to the contracting officer an annual audit plan for the activities to be undertaken by the internal audit organization during the next fiscal year that is designed to test the costs incurred and contractor management systems described in the internal audit design.
- (4) The contracting officer may require revisions to documents submitted under paragraphs (i)(1), (i)(2), and (i)(3) of this clause, including the design plan for the internal audits, the annual report, and the annual internal audits.
- (j) Remedies. If at any time during contract performance, the contracting officer determines that unallowable costs were claimed by the contractor to the extent of making the contractor's management controls suspect, or the contractor's management systems that validate costs incurred and claimed suspect, the contracting officer may, in his or her sole discretion, require the contractor to cease using the special financial institution account in whole or with regard to specified accounts, requiring reimbursable costs to be claimed by periodic vouchering. In addition, the contracting officer, where he or she deems it appropriate, may: Impose a penalty under 970.5242-1, Penalties for unallowable costs; require a refund; reduce the contractor's otherwise earned fee; and take such other action as authorized in law, regulation, or this contract.

K. All other terms and conditions remain unchanged.

END OF MODIFICATION

CHICAGO OPERATIONS OFFICE
FY 2009 APPROVED FUNDING PROGRAM NO. 12
CH Argonne National Laboratory - CONTRACT NO: CH11357
SUMMARY

BUDGET AUTHORITY (BA)

	BEGINNING UNCOSTED OBLIGATIONS	PREVIOUS	NEW BA CHANGE	REVISED	TOTAL AVAILABLE
OPERATING EXPENSES	106,210,391.31	367,803,716.17	35,000,000.00	402,803,716.17	509,014,107.48
CAPITAL EQUIPMENT	17,266,788.31	12,959,980.58	0.00	12,959,980.58	30,226,768.89
CONSTRUCTION	9,556,458.26	18,626,615.00	0.00	18,626,615.00	28,285,073.26
REIMBURSABLE WORK	77,480,835.30	43,535,005.84	0.00	43,535,005.84	121,015,841.14
GRAND TOTAL	210,616,473.18	442,925,317.59	35,000,000.00	477,925,317.59	688,541,790.77

 * Certification of Funds Availability: *
 *
 * Catherine Richardson 5-20-09 *
 * Certifying Official Date *
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CHICAGO OPERATIONS OFFICE
 FY 2009 APPROVED FUNDING PROGRAM NO. 12
 CH Argonne National Laboratory - CONTRACT NO: CH11357
 HQ B&R CONTROL SUMMARY

APPROPRIATION YEAR FT HQ B&R CONTROL BUDGET REFERENCE NUMBER		BUDGET AUTHORITY (BA)				
		BEGINNING UNCOMMITTED OBLIGATIONS	NEW BA			TOTAL AVAILABLE
			PREVIOUS	CHANGE	REVISED	
70X0900.3	2005 Information Analysis & Infrastructure Prote					
LJ TD-53-00-00-0	TD5300000	999.30	0.00	0.00	0.00	999.30
8909/100227	2009 Science, Science, Recovery Act					
WO KG-09-00-00-0	KG0900000	0.00	13,100,000.00	0.00	13,100,000.00	13,100,000.00
8909/100335	2009					
UQ FE-01-00-00-0	FE0100000, Small Sites	0.00	0.00	35,000,000.00	35,000,000.00	35,000,000.00
89X0213	2005 Fossil Energy Research and Development					
JA AA-10-35-00-0	AA1035000 - Transportation Fuels and Chemicals	8,599.77	0.00	0.00	0.00	8,599.77
AA-15-20-00-0	AA1520000 - Technology Crosscut	23,015.88	0.00	0.00	0.00	23,015.88
AA-20-45-00-0	AA2045000 - Turbines	21.01	0.00	0.00	0.00	21.01
AB-05-40-00-0	AB0540000 - Exploration And Production	1,085.41	0.00	0.00	0.00	1,085.41
AB-05-45-00-0	AB0545000 - Infrastructure	10.79	0.00	0.00	0.00	10.79
AB-05-50-00-0	AB0550000 - Emerging Processing Technology Applications	56.07	0.00	0.00	0.00	56.07
AB-05-55-00-0	AB0555000 - Effective Environmental Protection	14,940.69	0.00	0.00	0.00	14,940.69
AC-10-05-00-0	AC1005000 - Exploration And Production	62,824.93	0.00	0.00	0.00	62,824.93
AC-10-10-00-0	AC1010000 - Reservoir Life Extension/Management	114,266.97	0.00	0.00	0.00	114,266.97
AC-10-25-00-0	AC1025000 - Ultra Clean Fuels	33.33	0.00	0.00	0.00	33.33
AU-00-00-00-0	AU0000000 - Import/Export Authorization	42.78	0.00	0.00	0.00	42.78
89X0213	2006 Fossil Energy Research and Development					
AA-15-30-00-0	AA1530000	477.10	0.00	0.00	0.00	477.10
AB-05-55-00-0	AB0555000 - Effective Environmental Protection	6,000.00	0.00	0.00	0.00	6,000.00
AC-10-15-00-0	AC1015000 - Effective Environmental Protection	246,766.81	0.00	0.00	0.00	246,766.81
89X0213	2007 Fossil Energy Research and Development					
AA-15-05-00-0	AA1505000 - Coal Utilization Science	49,094.36	0.00	0.00	0.00	49,094.36
AA-15-20-00-0	AA1520000 - Technology Crosscut	197,227.65	0.00	0.00	0.00	197,227.65
AA-20-15-00-0	AA2015000 - Advanced Systems - Integrated Gasification Combi	324.43	0.00	0.00	0.00	324.43
89X0213	2008 Fossil Energy Research and Development					
AA-10-40-00-0	AA1040000	788,769.81	0.00	0.00	0.00	788,769.81
AA-15-05-00-0	AA1505000 - Coal Utilization Science	230,000.00	0.00	0.00	0.00	230,000.00
AA-15-10-00-0	AA1510000 - Materials And Components	79,377.67	0.00	0.00	0.00	79,377.67
AA-15-20-00-0	AA1520000 - Technology Crosscut	179,261.29	0.00	0.00	0.00	179,261.29
AA-20-25-00-0	AA2025000 - Innovations for Existing Plants	118,390.87	0.00	0.00	0.00	118,390.87
AA-25-30-00-0	AA2530000 - Innovative Concepts	270,510.13	0.00	0.00	0.00	270,510.13
AA-30-10-00-0	AA3010000 - Greenhouse Gas Control	110,442.92	0.00	0.00	0.00	110,442.92
AB-05-55-00-0	AB0555000 - Effective Environmental Protection	250,000.00	0.00	0.00	0.00	250,000.00
89X0213	2009 Fossil Energy Research and Development					
AA-10-40-00-0	AA1040000	0.00	650,000.00	0.00	650,000.00	650,000.00

CHICAGO OPERATIONS OFFICE
FY 2009 APPROVED FUNDING PROGRAM NO. 12
CH Argonne National Laboratory - CONTRACT NO: CH11357
HQ B&R CONTROL SUMMARY

			BUDGET AUTHORITY (BA)				
APPROPRIATION YEAR			BEGINNING UNCOMMITTED OBLIGATIONS	NEW BA			TOTAL AVAILABLE
FT	HQ	B&R CONTROL BUDGET REFERENCE NUMBER		PREVIOUS	CHANGE	REVISED	
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89X0213 2009 Fossil Energy Research and Development							
JA	AA-15-10-00-0	AA1510000 - Materials And Components	0.00	175,000.00	0.00	175,000.00	175,000.00
	AA-20-25-00-0	AA2025000 - Innovations for Existing Plants	0.00	320,000.00	0.00	320,000.00	320,000.00
	AA-25-30-00-0	AA2530000 - Innovative Concepts	0.00	600,000.00	0.00	600,000.00	600,000.00
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89X0216 2005 Energy Information Administration							
MX	TA-00-00-00-0	TA00000000 - National Energy Information System (Neis)	786.88	0.00	0.00	0.00	786.88
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89X0218 2005 Strategic Petroleum Reserve							
DX	SA-07-00-00-0	SA0700000 - Strategic Petroleum Reserve Management	13.89	0.00	0.00	0.00	13.89
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89X0222 2005 General Science and Research Activities, Oper							
WA	AT-00-00-00-0	AT00000000 - Fusion Energy Sciences	9,166.08	0.00	0.00	0.00	9,166.08
	FS-10-00-00-0	FS1000000 - Safeguards and Security - Science	4,724.37	0.00	0.00	0.00	4,724.37
	KA-15-00-00-0	KA1500000 - Advanced Technology R&D	48.73	0.00	0.00	0.00	48.73
	KB-00-00-00-0	KB00000000 - Nuclear Physics	43,845.93	0.00	0.00	0.00	43,845.93
	KC-02-00-00-0	KC0200000 - Materials Sciences and Engineering	1,339,157.08	0.00	0.00	0.00	1,339,157.08
	KC-03-00-00-0	KC0300000 - Chemical Sciences, Geosciences, and Energy Biosc	7,757.24	0.00	0.00	0.00	7,757.24
	KG-08-00-00-0	KG0800000 - Safety-Related Corrective Actions	22.89	0.00	0.00	0.00	22.89
	KJ-00-00-00-0	KJ00000000 - Advanced Scientific Computing Research	1,434.58	(1,434.58)	0.00	(1,434.58)	0.00
	KL-00-00-00-0	KL00000000 - Workforce Development for Teachers and Scientist	2,344.69	0.00	0.00	0.00	2,344.69
	KP-11-00-00-0	KP1100000, Life Sciences	3,303.70	0.00	0.00	0.00	3,303.70
	KP-12-00-00-0	KP1200000, Climate Change Research	4,967.83	0.00	0.00	0.00	4,967.83
	KP-13-00-00-0	KP1300000, Environmental Remediation	27,372.70	0.00	0.00	0.00	27,372.70
	KP-14-00-00-0	KP1400000, Medical Applications and Measurement Science	29,929.29	0.00	0.00	0.00	29,929.29
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89X0222 2006 General Science and Research Activities, Oper							
	KB-00-00-00-0	KB00000000 - Nuclear Physics	40,000.00	0.00	0.00	0.00	40,000.00
	KC-02-00-00-0	KC0200000 - Materials Sciences and Engineering	352,279.24	0.00	0.00	0.00	352,279.24
	KC-03-00-00-0	KC0300000 - Chemical Sciences, Geosciences, and Energy Biosc	187,745.64	0.00	0.00	0.00	187,745.64
	KG-09-00-00-0	KG0900000	52.05	0.00	0.00	0.00	52.05
	KP-12-00-00-0	KP1200000, Climate Change Research	90,372.85	0.00	0.00	0.00	90,372.85
	KP-14-00-00-0	KP1400000, Medical Applications and Measurement Science	347.43	0.00	0.00	0.00	347.43
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89X0222 2007 General Science and Research Activities, Oper							
	39-KG-00-00-0	PRNMEL001049 39KG000000PRNMEL001, Multiprogram Energy Laboratory	600,051.69	0.00	0.00	0.00	600,051.69
	39-KG-01-00-0	PRN07SC04003 39KG010000PRN07SC04	782,744.00	0.00	0.00	0.00	782,744.00
	AT-00-00-00-0	AT00000000 - Fusion Energy Sciences	190,668.05	0.00	0.00	0.00	190,668.05
	KA-11-00-00-0	KA1100000 - Proton Accelerator-Based Physics	7,541.06	0.00	0.00	0.00	7,541.06
	KB-00-00-00-0	KB00000000 - Nuclear Physics	147,533.70	0.00	0.00	0.00	147,533.70
	KC-02-00-00-0	KC0200000 - Materials Sciences and Engineering	3,209,658.75	0.00	0.00	0.00	3,209,658.75
	KC-03-00-00-0	KC0300000 - Chemical Sciences, Geosciences, and Energy Biosc	1,042,131.89	0.00	0.00	0.00	1,042,131.89
	KL-00-00-00-0	KL00000000 - Workforce Development for Teachers and Scientist	71,102.09	0.00	0.00	0.00	71,102.09
	KP-11-00-00-0	KP1100000, Life Sciences	82,857.58	0.00	0.00	0.00	82,857.58

CHICAGO OPERATIONS OFFICE
FY 2009 APPROVED FUNDING PROGRAM NO. 12
CH Argonne National Laboratory - CONTRACT NO: CH11357
HQ B&R CONTROL SUMMARY

			BUDGET AUTHORITY (BA)				
APPROPRIATION YEAR	FT HQ B&R CONTROL	BUDGET REFERENCE NUMBER	BEGINNING UNCOSTED OBLIGATIONS	NEW BA			TOTAL AVAILABLE
				PREVIOUS	CHANGE	REVISED	
89X0222	2007	General Science and Research Activities, Oper					
WA	KP-13-00-00-0	KP1300000, Environmental Remediation	15,757.66	0.00	0.00	0.00	15,757.66
	KP-14-00-00-0	KP1400000, Medical Applications and Measurement Science	209,342.79	0.00	0.00	0.00	209,342.79
89X0222	2008	General Science and Research Activities, Oper					
AT	AT-00-00-00-0	AT0000000 - Fusion Energy Sciences	2,223.94	0.00	0.00	0.00	2,223.94
FS	FS-10-00-00-0	FS1000000 - Safeguards and Security - Science	201,665.64	0.00	0.00	0.00	201,665.64
KA	KA-11-00-00-0	KAL100000 - Proton Accelerator-Based Physics	861,732.60	0.00	0.00	0.00	861,732.60
KA	KA-13-00-00-0	KAL300000 - Non-Accelerator-Based Physics	346,848.95	0.00	0.00	0.00	346,848.95
KA	KA-14-00-00-0	KAL400000 - Theoretical Physics	85,876.08	0.00	0.00	0.00	85,876.08
KA	KA-15-00-00-0	KAL500000 - Advanced Technology R&D	1,122,656.08	0.00	0.00	0.00	1,122,656.08
KB	KB-00-00-00-0	KB0000000 - Nuclear Physics	5,977,346.17	(292,000.00)	0.00	(292,000.00)	5,685,346.17
KC	KC-02-00-00-0	KC0200000 - Materials Sciences and Engineering	24,431,309.60	0.00	0.00	0.00	24,431,309.60
KC	KC-03-00-00-0	KC0300000 - Chemical Sciences, Geosciences, and Energy Biosc	7,549,433.23	0.00	0.00	0.00	7,549,433.23
KG	KG-06-00-00-0	KG0600000 - Excess Facilities Disposition	288,273.57	0.00	0.00	0.00	288,273.57
KJ	KJ-00-00-00-0	KJ0000000 - Advanced Scientific Computing Research	11,489,071.53	0.00	0.00	0.00	11,489,071.53
KL	KL-00-00-00-0	KL0000000 - Workforce Development for Teachers and Scientist	815,690.46	0.00	0.00	0.00	815,690.46
KP	KP-12-00-00-0	KP1200000, Climate Change Research	3,947,093.77	0.00	0.00	0.00	3,947,093.77
KP	KP-15-00-00-0	KP1500000, Biological Research	2,559,709.39	0.00	0.00	0.00	2,559,709.39
89X0222	2009	General Science and Research Activities, Reim					
3W	40-00-00-00-0	400000000 - Cost Of Reimbursable Work And Cooperative Work -	0.00	10,218,552.12	0.00	10,218,552.12	10,218,552.12
2W	60-00-00-00-0	600000000 - Cost Of Reimbursable And Cooperative Work - Non-	0.00	14,905,050.42	0.00	14,905,050.42	14,905,050.42
1W	65-00-00-00-0	650000000 - Use Of Third-Party Receipts From Technology Tran	0.00	45,583.89	0.00	45,583.89	45,583.89
WA	AT-00-00-00-0	AT0000000 - Fusion Energy Sciences	0.00	36,004.00	0.00	36,004.00	36,004.00
FS	FS-10-00-00-0	FS1000000 - Safeguards and Security - Science	0.00	8,293,521.00	0.00	8,293,521.00	8,293,521.00
KA	KA-11-00-00-0	KAL100000 - Proton Accelerator-Based Physics	0.00	5,800,244.00	0.00	5,800,244.00	5,800,244.00
KA	KA-13-00-00-0	KAL300000 - Non-Accelerator-Based Physics	0.00	822,690.00	0.00	822,690.00	822,690.00
KA	KA-14-00-00-0	KAL400000 - Theoretical Physics	0.00	1,573,374.00	0.00	1,573,374.00	1,573,374.00
KA	KA-15-00-00-0	KAL500000 - Advanced Technology R&D	0.00	3,375,373.00	0.00	3,375,373.00	3,375,373.00
KB	KB-00-00-00-0	KB0000000 - Nuclear Physics	0.00	24,353,106.00	0.00	24,353,106.00	24,353,106.00
KC	KC-02-00-00-0	KC0200000 - Materials Sciences and Engineering	0.00	149,126,767.00	0.00	149,126,767.00	149,126,767.00
KC	KC-03-00-00-0	KC0300000 - Chemical Sciences, Geosciences, and Energy Biosc	0.00	12,894,831.00	0.00	12,894,831.00	12,894,831.00
KJ	KJ-00-00-00-0	KJ0000000 - Advanced Scientific Computing Research	0.00	37,501,764.00	0.00	37,501,764.00	37,501,764.00
KL	KL-00-00-00-0	KL0000000 - Workforce Development for Teachers and Scientist	0.00	765,985.00	0.00	765,985.00	765,985.00
KP	KP-12-00-00-0	KP1200000, Climate Change Research	0.00	18,685,176.00	0.00	18,685,176.00	18,685,176.00
KP	KP-15-00-00-0	KP1500000, Biological Research	0.00	6,460,918.00	0.00	6,460,918.00	6,460,918.00
89X0224	2005	Energy Supply Research and Development Activi					
3Y	40-00-00-00-0	400000000 - Cost Of Reimbursable Work And Cooperative Work -	222,945.56	(59,686.48)	0.00	(59,686.48)	163,259.08
2Y	60-00-00-00-0	600000000 - Cost Of Reimbursable And Cooperative Work - Non-	581,198.67	(44,828.24)	0.00	(44,828.24)	536,370.43
1Y	65-00-00-00-0	650000000 - Use Of Third-Party Receipts From Technology Tran	52,255.49	(18,122.64)	0.00	(18,122.64)	34,132.85
YA	AF-02-00-00-0	AF0200000 - INL Operations and Infrastructure	15,433.29	0.00	0.00	0.00	15,433.29
	AF-20-00-00-0	AF2000000 - Advanced Reactor R&D	3,346.86	0.00	0.00	0.00	3,346.86

CHICAGO OPERATIONS OFFICE
FY 2009 APPROVED FUNDING PROGRAM NO. 12
CH Argonne National Laboratory - CONTRACT NO: CH11357
HQ B&R CONTROL SUMMARY

APPROPRIATION YEAR FT HQ B&R CONTROL BUDGET REFERENCE NUMBER		BUDGET AUTHORITY (BA)				
		BEGINNING UNCOSTED OBLIGATIONS	NEW BA			TOTAL AVAILABLE
			PREVIOUS	CHANGE	REVISED	
89X0224	2005 Energy Supply Research and Development Activi					
YA	AF-35-00-00-0	AF3500000 - Nuclear Energy Research Initiative	5,074.83	0.00	0.00	5,074.83
	AF-36-00-00-0	AF3600000 - Generation IV Nuclear Energy Systems Initiative	3,487.27	0.00	0.00	3,487.27
	AF-37-00-00-0	AF3700000 - Nuclear Energy Technologies	88.69	(88.69)	0.00	0.00
	AF-40-00-00-0	AF4000000 - University Reactor Fuel Assistance and Support	127.99	0.00	0.00	127.99
	AF-58-00-00-0	AF5800000 - Advanced Fuel Cycle Initiative (AFCI)	25.19	0.00	0.00	25.19
	AF-70-00-00-0	AF7000000 - Advanced Radioisotope Power Systems	74.99	0.00	0.00	74.99
	AF-75-00-00-0	AF7500000 - Space Exploration Initiative	21.90	0.00	0.00	21.90
	EB-21-00-00-0	EB2100000 - Solar Energy	1,762.33	0.00	0.00	1,762.33
	EB-26-00-00-0	EB2600000 - Ocean Energy Systems	6,486.25	0.00	0.00	6,486.25
	EB-42-00-00-0	EB4200000 - Hydrogen Research R&D	1,170.71	0.00	0.00	1,170.71
	EB-50-00-00-0	EB5000000 - Electric Energy Systems And Storage	14.59	0.00	0.00	14.59
	ED-00-00-00-0	ED0000000 - Industry Sector - Total	30,141.48	0.00	0.00	30,141.48
	EH-00-00-00-0	EH0000000 - Policy And Management	1.39	0.00	0.00	1.39
	EL-17-00-00-0	EL1700000 - Federal Energy Management Program	6,996.62	0.00	0.00	6,996.62
	EO-01-00-00-0	EO0100000 - Distributed Energy Resources	451.24	0.00	0.00	451.24
	HI-00-00-00-0	HI0000000 - Fuel Cell Technologies	1,545.76	0.00	0.00	1,545.76
	KK-05-00-00-0	KK0500000 - Program Direction - Nuclear Energy	295.75	0.00	0.00	295.75
	TD-50-01-00-0	TD5001000	1,333.77	0.00	0.00	1,333.77
	TD-50-04-00-0	TD5004000	86.46	0.00	0.00	86.46
	VT-00-00-00-0	VT0000000 - Vehicle Technologies	11,107.04	0.00	0.00	11,107.04
	WB-00-00-00-0	WB0000000 - In-House Energy Management (Ihem)	242.83	0.00	0.00	242.83
	WI-05-00-00-0	WI0500000 - Gateway Deployment	2,908.13	0.00	0.00	2,908.13
89X0224	2006 Energy Supply Research and Development Activi					
3Y	40-00-00-00-0	400000000 - Cost Of Reimbursable Work And Cooperative Work -	332,681.73	(162,606.06)	0.00	170,075.67
2Y	60-00-00-00-0	600000000 - Cost Of Reimbursable And Cooperative Work - Non-	493,007.93	(60,954.98)	0.00	432,052.95
1Y	65-00-00-00-0	650000000 - Use Of Third-Party Receipts From Technology Tran	11,455.01	(7,927.64)	0.00	3,527.37
YA	AF-02-00-00-0	AF0200000 - INL Operations and Infrastructure	8,856.12	0.00	0.00	8,856.12
	AF-36-00-00-0	AF3600000 - Generation IV Nuclear Energy Systems Initiative	10,481.84	0.00	0.00	10,481.84
	AF-40-00-00-0	AF4000000 - University Reactor Fuel Assistance and Support	355.61	0.00	0.00	355.61
	BM-01-00-00-0	BM0100000 - Biomass/Biofuels Energy Systems	39,000.00	0.00	0.00	39,000.00
	EB-21-00-00-0	EB2100000 - Solar Energy	14,509.15	0.00	0.00	14,509.15
	EB-25-00-00-0	EB2500000 - Wind Energy Systems	17,000.00	0.00	0.00	17,000.00
	EB-40-00-00-0	EB4000000 - Geothermal	44,000.00	0.00	0.00	44,000.00
	EB-55-00-00-0	EB5500000 - Department Energy Management Program	48,519.74	0.00	0.00	48,519.74
	ED-00-00-00-0	ED0000000 - Industry Sector - Total	3,409.16	0.00	0.00	3,409.16
	HC-00-00-00-0	HC0000000 - Energy Supply (Operating)	8,831.28	0.00	0.00	8,831.28
	HI-00-00-00-0	HI0000000 - Fuel Cell Technologies	921.74	0.00	0.00	921.74
	TD-52-00-00-0	TD5200000 - Electricity Restructuring	2,028.33	0.00	0.00	2,028.33
	VT-00-00-00-0	VT0000000 - Vehicle Technologies	12,716.10	0.00	0.00	12,716.10
89X0224	2007 Energy Supply Research and Development Activi					
3Y	40-00-00-00-0	400000000 - Cost Of Reimbursable Work And Cooperative Work -	5,519,281.20	(37,301.48)	0.00	5,481,979.72

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			BUDGET AUTHORITY (BA)				TOTAL AVAILABLE
			BEGINNING UNCOSTED OBLIGATIONS	NEW BA		REVISED	
APPROPRIATION YEAR	FT HQ B&R CONTROL	BUDGET REFERENCE NUMBER		PREVIOUS	CHANGE		
89X0224	2007	Energy Supply Research and Development Activi					
2Y	60-00-00-00-0	600000000 - Cost Of Reimbursable And Cooperative Work - Non-	572,818.38	(60,225.74)	0.00	(60,225.74)	512,592.64
YA	AF-36-00-00-0	AF3600000 - Generation IV Nuclear Energy Systems Initiative	2,289.80	0.00	0.00	0.00	2,289.80
	AF-37-00-00-0	AF3700000 - Nuclear Energy Technologies	3.64	(3.64)	0.00	(3.64)	0.00
	AF-58-00-00-0	AF5800000 - Advanced Fuel Cycle Initiative (AFCI)	165,869.15	0.00	0.00	0.00	165,869.15
	BM-01-00-00-0	BM0100000 - Biomass/Biofuels Energy Systems	50,000.00	0.00	0.00	0.00	50,000.00
	EB-42-00-00-0	EB4200000 - Hydrogen Research R&D	45,617.84	0.00	0.00	0.00	45,617.84
	EB-57-00-00-0	EB5700000	16,254.96	0.00	0.00	0.00	16,254.96
	ED-00-00-00-0	ED0000000 - Industry Sector - Total	178,619.59	0.00	0.00	0.00	178,619.59
	EL-17-00-00-0	EL1700000 - Federal Energy Management Program	162,022.38	0.00	0.00	0.00	162,022.38
	TD-50-08-00-0	TD5008000	134,842.38	0.00	0.00	0.00	134,842.38
	TD-50-09-00-0	TD5009000	3,020.84	0.00	0.00	0.00	3,020.84
	TD-54-01-00-0	TD5401000	227,905.74	0.00	0.00	0.00	227,905.74
	TD-54-02-00-0	TD5402000	40,326.21	0.00	0.00	0.00	40,326.21
	VT-00-00-00-0	VT0000000 - Vehicle Technologies	2,538,166.16	0.00	0.00	0.00	2,538,166.16
	WI-06-01-00-0	WI0601000	109.23	0.00	0.00	0.00	109.23
89X0224	2008	Energy Supply Research and Development Activi					
3Y	40-00-00-00-0	400000000 - Cost Of Reimbursable Work And Cooperative Work -	4,064,581.71	(35,334.68)	0.00	(35,334.68)	4,029,247.03
2Y	60-00-00-00-0	600000000 - Cost Of Reimbursable And Cooperative Work - Non-	683,798.91	(90,700.08)	0.00	(90,700.08)	593,098.83
89X0228	2005	Departmental Administration, Operating Expens					
SA	PE-01-00-00-0	PE0100000 - Policy, Planning And Analysis	5,803.62	0.00	0.00	0.00	5,803.62
	PE-04-00-00-0	PE0400000 - Office Of Environmental Analysis	332.12	0.00	0.00	0.00	332.12
	WA-50-00-00-0	WA5000000 - Minority Economic Impact Program	8.12	0.00	0.00	0.00	8.12
89X0228	2006	Departmental Administration, Operating Expens					
MA	00-00-00-00-0	MA0000000	5,476.95	0.00	0.00	0.00	5,476.95
	PE-01-00-00-0	PE0100000 - Policy, Planning And Analysis	25,000.00	0.00	0.00	0.00	25,000.00
	PE-04-00-00-0	PE0400000 - Office Of Environmental Analysis	10,000.00	0.00	0.00	0.00	10,000.00
	WN-00-00-00-0	WN0000000 - Cost Of Work For Others	183,498.02	0.00	0.00	0.00	183,498.02
89X0228	2007	Departmental Administration, Operating Expens					
WN	00-00-00-00-0	WN0000000 - Cost Of Work For Others	14,088.39	0.00	0.00	0.00	14,088.39
89X0228	2008	Departmental Administration, Operating Expens					
WN	00-00-00-00-0	WN0000000 - Cost Of Work For Others	1,450,000.00	0.00	0.00	0.00	1,450,000.00
89X0228	2009	Departmental Administration, Operating Expens					
WN	00-00-00-00-0	WN0000000 - Cost Of Work For Others	0.00	3,371,400.00	0.00	3,371,400.00	3,371,400.00
89X0235	2005	Clean Coal Technology					
BB	AZ-00-00-00-0	AZ0000000 - Innovative Clean Coal Technology	14,767.32	0.00	0.00	0.00	14,767.32

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			PREVIOUS	CHANGE	TOTAL AVAILABLE
89X0240	2005 Weapons Activities, Reimbursable Work, Federa				
3T	40-00-00-00-0 400000000 - Cost Of Reimbursable Work And Cooperative Work -	361,022.10	(43,276.93)	0.00	317,745.17
TC	DP-09-01-00-0 DP0901000 - Operations of Facilities	35,938.21	0.00	0.00	35,938.21
	DP-15-00-00-0 DP1500000 - Advanced Simulation and Computing Campaign	12,786.14	(12,786.14)	0.00	0.00
	DP-40-00-00-0 DP4000000 - Nuclear Weapons Incident Response	1,093.36	0.00	0.00	1,093.36
89X0240	2006 Weapons Activities, Reimbursable Work, Federa				
3T	40-00-00-00-0 400000000 - Cost Of Reimbursable Work And Cooperative Work -	547,293.82	(83,780.21)	0.00	463,513.61
89X0240	2007 Weapons Activities, Reimbursable Work, Federa				
	40-00-00-00-0 400000000 - Cost Of Reimbursable Work And Cooperative Work -	2,962,268.98	(436,250.71)	0.00	2,526,018.27
TC	DP-16-01-00-0 DP1601000	291.45	0.00	0.00	291.45
89X0240	2008 Weapons Activities, Reimbursable Work, Federa				
3T	40-00-00-00-0 400000000 - Cost Of Reimbursable Work And Cooperative Work -	13,493,646.84	(419.69)	0.00	13,493,227.15
TC	DP-09-02-00-0 DP0902000 - Program Readiness	11,302.27	0.00	0.00	11,302.27
	DP-15-00-00-0 DP1500000 - Advanced Simulation and Computing Campaign	21,995.50	0.00	0.00	21,995.50
	DP-40-00-00-0 DP4000000 - Nuclear Weapons Incident Response	312,898.94	0.00	0.00	312,898.94
	FS-20-00-00-0 FS2000000 - Safeguards and Security - NNSA	70,999.91	0.00	0.00	70,999.91
89X0240	2009 Weapons Activities, Reimbursable Work, Federa				
3T	40-00-00-00-0 400000000 - Cost Of Reimbursable Work And Cooperative Work -	0.00	251,405.00	0.00	251,405.00
TC	DP-09-02-00-0 DP0902000 - Program Readiness	0.00	632,169.00	0.00	632,169.00
	DP-40-00-00-0 DP4000000 - Nuclear Weapons Incident Response	0.00	2,135,178.00	0.00	2,135,178.00
	FS-20-00-00-0 FS2000000 - Safeguards and Security - NNSA	0.00	135,465.00	0.00	135,465.00
89X0243	2005 Materials Production and Other Defense Progra				
TF	AF-12-00-00-0 AF1200000 - Plutonium Burning	76.12	0.00	0.00	76.12
	AF-17-00-00-0 AF1700000 - Nuclear Security/Russian Production Reactor Shut	63.24	0.00	0.00	63.24
	AF-50-00-00-0 AF5000000 - Nuclear Technology Research And Development	178.41	0.00	0.00	178.41
	AF-58-00-00-0 AF5800000 - Advanced Fuel Cycle Initiative (AFCI)	0.01	0.00	0.00	0.01
	GD-03-00-00-0 GD0300000, Classification/Declassification Resources	14.52	0.00	0.00	14.52
	HA-00-00-00-0 HA0000000 - Employee Compensation Initiative	538.18	0.00	0.00	538.18
	HD-00-00-00-0 HD0000000 - Other Defense Activities (Operating)	2,716.69	0.00	0.00	2,716.69
	IN-00-00-00-0 IN0000000 - Intelligence	0.02	0.00	0.00	0.02
	OS-10-00-00-0 OS1000000 - Program Direction - Office of Security	67,608.27	0.00	0.00	67,608.27
	SO-10-00-00-0 SO1000000 - Program Direction - Office of Security and Emerg	23,517.19	0.00	0.00	23,517.19
89X0243	2007 Materials Production and Other Defense Progra				
	CS-00-00-00-0 CS0000000 - Cyber Security Program	20,835.07	0.00	0.00	20,835.07
	RH-00-00-00-0 RH0000000	73,878.81	0.00	0.00	73,878.81
89X0243	2008 Other Defense Activities, Reimbursable Work,				
3F	40-00-00-00-0 400000000 - Cost Of Reimbursable Work And Cooperative Work -	22,392,729.11	(112,336.14)	0.00	22,280,392.97

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				PREVIOUS	CHANGE	REVISED	
89X0243	2008	Other Defense Activities, Reimbursable Work,					
TF	GD-25-00-00-0	GD2500000, Vulnerability and Threat Program Activity	253,458.16	0.00	0.00	0.00	253,458.16
	GD-30-00-00-0	GD3000000, Energy and Proliferation	37,220.12	0.00	0.00	0.00	37,220.12
	HU-00-00-00-0	HU0000000	357,444.18	0.00	0.00	0.00	357,444.18
	RH-00-00-00-0	RH0000000	140,823.54	0.00	0.00	0.00	140,823.54
89X0243	2009	Other Defense Activities, Reimbursable Work,					
3F	40-00-00-00-0	400000000 - Cost Of Reimbursable Work And Cooperative Work -	0.00	20,063,052.58	0.00	20,063,052.58	20,063,052.58
TF	GD-25-00-00-0	GD2500000, Vulnerability and Threat Program Activity	0.00	1,417,940.00	0.00	1,417,940.00	1,417,940.00
	GD-30-00-00-0	GD3000000, Energy and Proliferation	0.00	310,294.00	0.00	310,294.00	310,294.00
	HU-00-00-00-0	HU0000000	0.00	474,330.00	0.00	474,330.00	474,330.00
	RH-00-00-00-0	RH0000000	0.00	489,158.00	0.00	489,158.00	489,158.00
89X0244	2007	Defense Nuclear Waste Disposal					
TH	DF-00-00-00-0	DF0000000 - Waste Management System	477,439.74	0.00	0.00	0.00	477,439.74
89X0251	2005	Defense Facilities Closure Projects					
TP	EY-08-00-00-0	EY0800000 - Defense Environmental Services - Non-Closure Env	45,238.88	0.00	0.00	0.00	45,238.88
89X0251	2006	Defense Facilities Closure Projects					
	EY-60-20-00-0	EY6020000	346.92	0.00	0.00	0.00	346.92
89X0251	2007	Defense Facilities Closure Projects					
	EY-80-00-00-0	EY8000000	14,151.54	0.00	0.00	0.00	14,151.54
89X0251	2008	Defense Facilities Closure Projects					
	EY-40-00-00-0	EY4000000 - Defense Site Acceleration Completion - Technolog	48,616.12	0.00	0.00	0.00	48,616.12
	EY-80-00-00-0	EY8000000	2,569,776.78	0.00	0.00	0.00	2,569,776.78
89X0251	2009	Defense Facilities Closure Projects					
	EY-40-00-00-0	EY4000000 - Defense Site Acceleration Completion - Technolog	0.00	174,420.00	0.00	174,420.00	174,420.00
	EY-80-00-00-0	EY8000000	0.00	2,830,599.00	0.00	2,830,599.00	2,830,599.00
89X0309	2005	Defense Nuclear Nonproliferation					
NS	NN-20-00-00-0	NN2000000 - Nonproliferation And Verification Research And D	10,893.72	(10,893.72)	0.00	(10,893.72)	0.00
	NN-30-00-00-0	NN3000000 - International Nuclear Safety and Cooperation	32,764.75	0.00	0.00	0.00	32,764.75
	NN-32-00-00-0	NN3200000 - Elimination of Weapons Grade Plutonium Productio	12,849.78	(12,849.78)	0.00	(12,849.78)	0.00
	NN-40-00-00-0	NN4000000 - Nonproliferation and International Security	924.39	(513.63)	0.00	(513.63)	410.76
NU	NN-40-00-00-0	NN4000000 - Nonproliferation and International Security	225.87	(225.87)	0.00	(225.87)	0.00
NK	NN-41-00-00-0	NN4100000 - Russian Transition Initiatives	351.60	(351.60)	0.00	(351.60)	0.00
NS	NN-50-00-00-0	NN5000000 - International Nuclear Materials Protection and C	311.00	(311.00)	0.00	(311.00)	0.00
89X0309	2006	Defense Nuclear Nonproliferation					
	NN-40-00-00-0	NN4000000 - Nonproliferation and International Security	35,308.95	0.00	0.00	0.00	35,308.95

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		BEGINNING UNCOMPLETED OBLIGATIONS	NEW BA		TOTAL AVAILABLE	
			PREVIOUS	CHANGE		
89X0309	2006 Defense Nuclear Nonproliferation					
NS	NN-41-00-00-0 NN4100000 - Russian Transition Initiatives	85,162.17	0.00	0.00	0.00	85,162.17
89X0309	2007 Defense Nuclear Nonproliferation					
NN-40-00-00-0	NN4000000 - Nonproliferation and International Security	33,516.68	(19,151.21)	0.00	(19,151.21)	14,365.47
NN-60-03-00-0	NN6003000, Supporting Activities	218,808.55	0.00	0.00	0.00	218,808.55
NN-90-00-00-0	NN9000000	69,806.76	(15.39)	0.00	(15.39)	69,791.37
89X0309	2008 Defense Nuclear Nonproliferation					
NN-20-00-00-0	NN2000000 - Nonproliferation And Verification Research And D	185,541.59	0.00	0.00	0.00	185,541.59
NN-40-00-00-0	NN4000000 - Nonproliferation and International Security	3,132,223.83	0.00	0.00	0.00	3,132,223.83
NN-50-00-00-0	NN5000000 - International Nuclear Materials Protection and C	1,418,154.02	0.00	0.00	0.00	1,418,154.02
NN-90-00-00-0	NN9000000	9,621,485.98	(1,792,062.00)	0.00	(1,792,062.00)	7,829,423.98
89X0309	2009 Defense Nuclear Nonproliferation					
NN-20-00-00-0	NN2000000 - Nonproliferation And Verification Research And D	0.00	2,449,216.00	0.00	2,449,216.00	2,449,216.00
NN-40-00-00-0	NN4000000 - Nonproliferation and International Security	0.00	4,486,977.00	0.00	4,486,977.00	4,486,977.00
NN-50-00-00-0	NN5000000 - International Nuclear Materials Protection and C	0.00	1,910,736.00	0.00	1,910,736.00	1,910,736.00
NN-90-00-00-0	NN9000000	0.00	31,149,671.00	0.00	31,149,671.00	31,149,671.00
89X0313	2006 Office of the Administrator					
AD	PS-00-00-00-0 PS0000000 - Program Direction - National Nuclear Security Ad	4,655.95	0.00	0.00	0.00	4,655.95
89X0313	2007 Office of the Administrator					
PS	PS-00-00-00-0 PS0000000 - Program Direction - National Nuclear Security Ad	35,000.00	0.00	0.00	0.00	35,000.00
89X0313	2008 Office of the Administrator					
PS	PS-00-00-00-0 PS0000000 - Program Direction - National Nuclear Security Ad	20,000.00	0.00	0.00	0.00	20,000.00
89X0314	2008 Naval Reactors					
NR	AJ-05-00-00-0 AJ0500000 - Naval Reactors Development	1,974.88	0.00	0.00	0.00	1,974.88
89X0314	2009 Naval Reactors					
AJ	AJ-05-00-00-0 AJ0500000 - Naval Reactors Development	0.00	25,060.00	0.00	25,060.00	25,060.00
89X0315	2005 Uranium Facilities Maintenance and Remediation					
UX	EZ-06-00-00-0 EZ0600000 - Non-Defense Site Acceleration Completion - 2006	3,775.93	0.00	0.00	0.00	3,775.93
89X0315	2006 Uranium Facilities Maintenance and Remediation					
EZ	EZ-50-58-00-0 EZ5058000	269.19	0.00	0.00	0.00	269.19
89X0315	2007 Uranium Facilities Maintenance and Remediation					
EZ	EZ-50-58-00-0 EZ5058000	9,293,417.53	0.00	0.00	0.00	9,293,417.53

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		BEGINNING UNCOMSTED OBLIGATIONS	NEW BA			TOTAL AVAILABLE
			PREVIOUS	CHANGE	REVISED	
89X0315 2008 Uranium Facilities Maintenance and Remediation	UX EZ-50-58-00-0 EZ5058000	86,866.51	0.00	0.00	0.00	86,866.51
89X0315 2009 Uranium Facilities Maintenance and Remediation	EZ-50-58-00-0 EZ5058000	0.00	186,125.00	0.00	186,125.00	186,125.00
89X0318 2008 Electricity Delivery and Energy Reliability	BN TD-50-01-00-0 TD5001000	289,917.71	0.00	0.00	0.00	289,917.71
	TD-50-08-00-0 TD5008000	73,228.47	0.00	0.00	0.00	73,228.47
	TD-54-01-00-0 TD5401000	511,358.32	0.00	0.00	0.00	511,358.32
89X0318 2009 Electricity Delivery and Energy Reliability	TD-50-01-00-0 TD5001000	0.00	875,000.00	0.00	875,000.00	875,000.00
	TD-50-08-00-0 TD5008000	0.00	150,000.00	0.00	150,000.00	150,000.00
	TD-54-01-00-0 TD5401000	0.00	90,000.00	0.00	90,000.00	90,000.00
89X0319 2008 Nuclear Energy	CN AF-01-10-00-0 AF0110000 - Space and Defense Nuclear Power Systems Infrastr	8,511.60	0.00	0.00	0.00	8,511.60
	AF-36-00-00-0 AF3600000 - Generation IV Nuclear Energy Systems Initiative	1,570,877.84	0.00	0.00	0.00	1,570,877.84
	AF-38-00-00-0 AF3800000 - Nuclear Hydrogen Initiative (NHI)	32,257.63	0.00	0.00	0.00	32,257.63
	AF-58-00-00-0 AF5800000 - Advanced Fuel Cycle Initiative (AFCI)	4,553,602.92	0.00	0.00	0.00	4,553,602.92
89X0319 2009 Nuclear Energy	AF-01-10-00-0 AF0110000 - Space and Defense Nuclear Power Systems Infrastr	0.00	572,960.00	0.00	572,960.00	572,960.00
	AF-36-00-00-0 AF3600000 - Generation IV Nuclear Energy Systems Initiative	0.00	931,060.00	0.00	931,060.00	931,060.00
	AF-38-00-00-0 AF3800000 - Nuclear Hydrogen Initiative (NHI)	0.00	198,255.00	0.00	198,255.00	198,255.00
	AF-58-00-00-0 AF5800000 - Advanced Fuel Cycle Initiative (AFCI)	0.00	13,333,269.00	0.00	13,333,269.00	13,333,269.00
89X0321 2007 Energy Efficiency and Renewable Energy	ZA EB-42-00-00-0 EB4200000 - Hydrogen Research R&D	100,000.00	0.00	0.00	0.00	100,000.00
89X0321 2008 Energy Efficiency & Renewable Energy, Reimbur	3Z 40-00-00-00-0 400000000 - Cost Of Reimbursable Work And Cooperative Work -	20,417,656.61	(45.49)	0.00	(45.49)	20,417,611.12
	2Z 60-00-00-00-0 600000000 - Cost Of Reimbursable And Cooperative Work - Non-	4,710,058.01	(694,840.98)	0.00	(694,840.98)	4,015,217.03
	1Z 65-00-00-00-0 650000000 - Use Of Third-Party Receipts From Technology Tran	62,135.24	0.00	0.00	0.00	62,135.24
	ZA BM-01-00-00-0 BM0100000 - Biomass/Biofuels Energy Systems	1,917,225.74	0.00	0.00	0.00	1,917,225.74
	EB-21-00-00-0 EB2100000 - Solar Energy	884,717.80	0.00	0.00	0.00	884,717.80
	EB-25-00-00-0 EB2500000 - Wind Energy Systems	250,365.84	0.00	0.00	0.00	250,365.84
	EB-40-00-00-0 EB4000000 - Geothermal	45,382.00	0.00	0.00	0.00	45,382.00
	EB-42-00-00-0 EB4200000 - Hydrogen Research R&D	5,252,171.22	0.00	0.00	0.00	5,252,171.22
	EB-57-00-00-0 EB5700000	182,514.21	0.00	0.00	0.00	182,514.21
	ED-00-00-00-0 ED0000000 - Industry Sector - Total	1,368,283.68	0.00	0.00	0.00	1,368,283.68
	VT-00-00-00-0 VT0000000 - Vehicle Technologies	10,547,661.17	0.00	0.00	0.00	10,547,661.17

CHICAGO OPERATIONS OFFICE
FY 2009 APPROVED FUNDING PROGRAM NO. 12
CH Argonne National Laboratory - CONTRACT NO: CH11357
HQ B&R CONTROL SUMMARY

			BUDGET AUTHORITY (BA)			
APPROPRIATION YEAR FT HQ B&R CONTROL	BUDGET REFERENCE NUMBER		BEGINNING UNCOSTED OBLIGATIONS	NEW BA		TOTAL AVAILABLE
				PREVIOUS	CHANGE	
89X0321	2009	Energy Efficiency and Renewable Energy				
ZA	BM-01-00-00-0	BM0100000 - Biomass/Biofuels Energy Systems	0.00	2,738,936.00	0.00	2,738,936.00
	BT-00-00-00-0	BT0000000 - Building Technologies	0.00	84,998.00	0.00	84,998.00
	EB-21-00-00-0	EB2100000 - Solar Energy	0.00	1,213,046.00	0.00	1,213,046.00
	EB-25-00-00-0	EB2500000 - Wind Energy Systems	0.00	500,000.00	0.00	500,000.00
	EB-40-00-00-0	EB4000000 - Geothermal	0.00	1,779.00	0.00	1,779.00
	EB-42-00-00-0	EB4200000 - Hydrogen Research R&D	0.00	10,005,000.00	0.00	10,005,000.00
	EB-45-00-00-0	EB4500000 - Water Power Energy R&D	0.00	4,923.00	0.00	4,923.00
	EB-57-00-00-0	EB5700000	0.00	152,000.00	0.00	152,000.00
	ED-00-00-00-0	ED0000000 - Industry Sector - Total	0.00	1,015,445.00	0.00	1,015,445.00
	VT-00-00-00-0	VT0000000 - Vehicle Technologies	0.00	32,292,837.00	0.00	32,292,837.00
89X0322	2009	Advanced Technology Vehicles Manufacturing Lo				
QN	LP-00-00-00-0	LP0000000, Vehicle Manufacturing Loan Program	0.00	260,000.00	0.00	260,000.00
89X4180	2008	Isotope Production and Distribution Fund				
VE	ST-00-00-00-0	ST0000000 - Isotope Production And Distribution Program	47.90	0.00	0.00	47.90
89X5227	2005	Nuclear Waste Fund				
WD	DF-00-00-00-0	DF0000000 - Waste Management System	127,913.04	0.00	0.00	127,913.04
89X5227	2006	NWF Appropriated from General Fund				
WZ	DH-00-00-00-0	DH0000000	0.00	400,000.00	0.00	400,000.00
89X8575	2005	Advances for Co-Sponsored Proje				
4A	AF-20-00-00-0	AF2000000 - Advanced Reactor R&D	652.65	0.00	0.00	652.65

CHICAGO OPERATIONS OFFICE
FY 2009 APPROVED FUNDING PROGRAM NO. 12
CH Argonne National Laboratory - CONTRACT NO: CH11357
DETAIL

				BUDGET AUTHORITY (BA)					
FT	B&R REPORTING/BUD REF NUM	APPR YEAR	OBJ CLASS	BEGINNING UNCODED OBLIGATIONS	NEW BA			TOTAL AVAILABLE	
					PREVIOUS	CHANGE	REVISED		
OPERATING EXPENSES									
4A	AF-20-70-10-0	2005	25400	AF2070100, Metal Fuel Cycle Research and Development	584.92	0.00	0.00	0.00	584.92
	AF-20-70-30-0	2005	25400	AF2070300, Actinide Recycle	67.73	0.00	0.00	0.00	67.73
AD	PS-02-02-12-7	2006	25400	PS0202127, Environmental Managment Transition Advisory and A	4,655.95	0.00	0.00	0.00	4,655.95
		2007	25400	PS0202127, Environmental Managment Transition Advisory and A	35,000.00	0.00	0.00	0.00	35,000.00
		2008	25400	PS0202127, Environmental Managment Transition Advisory and A	20,000.00	0.00	0.00	0.00	20,000.00
BB	AZ-02-20-06-0	2005	25400	AZ0220060, Other Services	14,767.32	0.00	0.00	0.00	14,767.32
BN	TD-50-01-10-0	2008	25400	TD5001100, High Temperature Supercon. R&D	289,917.71	0.00	0.00	0.00	289,917.71
		2009	25400	TD5001100, High Temperature Supercon. R&D	0.00	875,000.00	0.00	875,000.00	875,000.00
	TD-50-08-01-0	2008	25400	TD5008010, Visualization & Control R&D	73,228.47	0.00	0.00	0.00	73,228.47
		2009	25400	TD5008010, Visualization & Control R&D	0.00	150,000.00	0.00	150,000.00	150,000.00
	TD-54-01-01-0	2008	25400	TD5401010, Permdtting, Sittng & Analysis	511,358.32	0.00	0.00	0.00	511,358.32
		2009	25400	TD5401010, Permdtting, Sittng & Analysis	0.00	90,000.00	0.00	90,000.00	90,000.00
CN	AF-01-10-10-0	2008	25400	AF0110100, Facility Infrastructure Maintenance	8,511.60	0.00	0.00	0.00	8,511.60
		2009	25400	AF0110100, Facility Infrastructure Maintenance	0.00	572,960.00	0.00	572,960.00	572,960.00
	AF-36-20-50-0	2008	25400	AF3620500 - Gas-Cooled Fast Reactor GFR	2,082.23	0.00	0.00	0.00	2,082.23
	AF-36-20-60-0	2008	25400	AF3620600 - Lead-Cooled Fast Reactor LFR	139.46	0.00	0.00	0.00	139.46
	AF-36-20-70-0	2008	25400	AF3620700 - Sodium-Cooled Fast Reactor SFR	127,836.64	0.00	0.00	0.00	127,836.64
	AF-36-25-10-0	2008	25400	AF3625100 - Design and Evaluation Methods	47,580.31	0.00	0.00	0.00	47,580.31
	AF-36-40-10-0	2008	25400	AF3640100, NERI	322.49	0.00	0.00	0.00	322.49
	AF-36-50-20-0	2008	25400	AF3650200 - Generation IV International Nuclear Forum (GIF)	39,335.76	0.00	0.00	0.00	39,335.76
		2009	25400	AF3650200 - Generation IV International Nuclear Forum (GIF)	0.00	179,050.00	0.00	179,050.00	179,050.00
	AF-36-70-10-0	2008	25400	AF3670100, VHTR Design & Evaluation Methods	728,489.83	0.00	0.00	0.00	728,489.83
		2009	25400	AF3670100, VHTR Design & Evaluation Methods	0.00	537,150.00	0.00	537,150.00	537,150.00
	AF-36-70-30-0	2008	25400	AF3670300, VHTR Energy Conversion	75,091.12	0.00	0.00	0.00	75,091.12
		2009	25400	AF3670300, VHTR Energy Conversion	0.00	214,860.00	0.00	214,860.00	214,860.00
	AF-36-70-50-0	2008	25400	AF3670500, VHTR Deep-Burn	550,000.00	0.00	0.00	0.00	550,000.00
	AF-38-10-10-0	2008	25400	AF3810100, Technical Integration	3,897.21	0.00	0.00	0.00	3,897.21
		2009	25400	AF3810100, Technical Integration	0.00	0.00	0.00	0.00	0.00
	AF-38-20-10-0	2008	25400	AF3820100, Thermochemical System	23,561.35	0.00	0.00	0.00	23,561.35
		2009	25400	AF3820100, Thermochemical System	0.00	98,425.00	0.00	98,425.00	98,425.00
	AF-38-30-10-0	2008	25400	AF3830100, High-Temperature Electrolysis System	4,799.07	0.00	0.00	0.00	4,799.07
		2009	25400	AF3830100, High-Temperature Electrolysis System	0.00	90,000.00	0.00	90,000.00	90,000.00
	AF-38-50-00-0	2009	25400	AF3850000, All Other	0.00	9,830.00	0.00	9,830.00	9,830.00
	AF-58-05-00-0	2008	25400	AF5805000, Separations Technology Development	775,883.61	0.00	0.00	0.00	775,883.61
		2009	25400	AF5805000, Separations Technology Development	0.00	2,662,407.00	0.00	2,662,407.00	2,662,407.00
	AF-58-10-00-0	2008	25400	AF5810000, Advanced Fuels Development	2,533.33	0.00	0.00	0.00	2,533.33
		2009	25400	AF5810000, Advanced Fuels Development	0.00	142,754.00	0.00	142,754.00	142,754.00